

УНИВЕРЗИТЕТ У КРАГУЈЕВЦУ  
ФАКУЛТЕТ МЕДИЦИНСКИХ НАУКА  
Наставно-научно веће  
Број: 01-14764/14-1  
Дана: 22.12.2021. год.  
К р а г у ј е в а ц

На седници Наставно-научног веће Факултета медицинских наука у Крагујевцу, одржаној дана 22.12.2021. године, донета је

### О Д Л У К А

Проф. др Марко Ноч се бира у звање гостујућег професора.

### Образложење

Проф. др Марко Ноч је водећи светски стручњак из области Кардиологије, аутор великог броја публикација и радова. Својим радом доприноси остваривању значајних резултата и унапређењу медицинске науке која се примењује и у нашој земљи. Узимајући у обзир изузетан допринос у развоју медицинске мисли и научноистраживачког рада, донета је одлука као у диспозитиву.

Одлука се упућује Сенату Универзитета у Крагујевцу на даље одлучивање.



ПРЕДСЕДАВАЈУЋИ ВЕЋА

проф. др Владимир Јаковљевић, декан

**УНИВЕРЗИТЕТ У КРАГУЈЕВЦУ**  
**МЕДИЦИНСКИ ФАКУЛТЕТ**  
Светозара Марковића 69  
34000 Крагујевац

**КАТЕДРА ЗА ИНТЕРНУ МЕДИЦИНУ**  
/проф. др Наташа Здравковић/

**ЗАПИСНИК**

На састанку електронски одржане Катедре за Интерну медицину, која је одржана првог јуна 2021. године, у временском периоду од 08:00 до 20:00 часова, дата је сагласност Катедре за Интерну медицину за избор професора Марка Ноча за избор визитинг професора.

Крагујевац, 02.06. 2021. године

Шеф катедре

Проф. др Наташа Здравковић



# CURICULUM VITAE

## Marko Noc, MD, PhD

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(May 2021)

**BUSINESS ADDRESS:** Center for Intensive Internal Medicine  
University Medical Center  
Zaloška 7, 1000 Ljubljana  
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**PRIVATE ADDRESS:** Dunajska cesta 196  
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**CURRENT POSITIONS:** Director, Center for Intensive Internal Medicine (CICU)  
Attending interventional cardiologist  
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**DATE OF BIRTH:** March 6, 1963

**PLACE OF BIRTH:** Jesenice, Slovenia-EU

**CITIZENSHIP:** Slovenia

**MARITAL STATUS:** Wife Anita, daughter Naomi Ana

**FOREIGN LANGUAGES:** English, German

### **Medical Education and Professional Training**

1981 -1987 Medical School Ljubljana, Slovenia

1985 Student practicum, Landeskrankenhaus Wiesbaden, Germany

1986 Student practicum, Uni-Klinikum, Marburg/Lahn, Germany

- 1989 -1995            Resident (Internal medicine) – University Medical Center, Ljubljana, Slovenia
- 1991 -1993            Research Fellow - Department of Medicine (Max Harry Weil). University of Health Sciences/The Chicago Medical School, North Chicago, USA
- 1995 -1996            Visiting scientist - Institute of Critical Care Medicine (Max Harry Weil), University of Southern California, Los Angeles/Palm Springs, USA
- 1999 - 2000            Clinical and Research Fellow (Interventional Cardiology) - Cardiovascular Interventional Center (Franck Litvack), Cedars-Sinai Medical Center, Los Angeles, USA

### **Honors and Awards**

- 1984            **Plecnik Foundation Award** (Best scores in anatomy, histology, pathology), Medical School, University of Ljubljana.
- 1985            **Preseren Foundation Award for student research.** Medical School, University of Ljubljana (Noc M, Turel M, Sega S. Serum activity of creatine kinase in patients with acute left heart failure).
- 1999            **Fulbright Scholar**, UCLA/Cedars-Sinai Medical Center, Los Angeles, USA
- 2010            **Member of Honor**, The Lithuanian Heart Association
- 2011            **May Harry Weil International Lecture.** 49<sup>th</sup> Annual Weil/Eisenhower symposium on critical care and emergency medicine, Palm Springs, May 2-5, 2011
- 2012            **Active Member, European Academy of Sciences and Arts** (Class II-Medicine)
- 2012            **Member of Honor**, The Republic of Srbska Society of Cardiology
- 2017            **Associate Member, Slovenian Academy of Sciences and Arts (SAZU)** (Medical class)
- 2018            **Zois award**, the highest award for research work, Republic of Slovenia
- 2019            **Negovsky lecture.** European Resuscitation Council (ERC) annual meeting, Ljubljana (Slovenia), September 19-21, 2019

### **Certification and Licensure**

1987	<b>MD</b> - Medical School Ljubljana, Slovenia
1988	<b>Licensure, Physician</b> -Slovenia
1989	<b>MSc</b> (Cardiology) - Medical School Ljubljana, Slovenia
1991	<b>European Diploma in Intensive Care Medicine</b> –European Society of Intensive Care Medicine
1994	<b>PhD</b> (Cardiovascular Physiology) - Medical School Ljubljana, Slovenia
1995	<b>Board certificate, Internal medicine</b> - Slovenia
1995	<b>Licensure, Internal medicine</b> - Slovenia
1996	<b>ECFMG certificate</b> - USMLE 1 (88-222), USMLE 2 (85-217), USA
2003	<b>European Cardiologist Diploma</b> -European Society of Cardiology
2008	<b>Full time professor of medicine</b> , Medical School Ljubljana
2010	<b>Fellow of European Society of Cardiology</b> (FESC)
2010	<b>Board certification, Intensive care medicine</b> – Slovenia
2012	<b>Board certification, Cardiology and vascular medicine</b> – Slovenia

### **Membership in International Professional Associations**

2002-present	European Society of Cardiology (ESC)
2008-present	European Association of Percutaneous Cardiovascular Interventions (EAPCI)
2009-2011	Board Member, European Association of Percutaneous Cardiovascular Interventions (EAPCI)
2011-2014	Member, Scientific committee and PCR relation committee, EAPCI
2009-present	Program committee member, EuroPCR (Paris)
2012-2014	Scientific committee member, AsiaPCR (Singapore)
2012-2016	Member, Executive Committee, Stent for Life (SFL), ESC/EAPCI
2016-2018	Co-chair, EAPCI National Cardiac Societies& International Affairs Committee
2020-	Member, UEFA Medical Committee

### **Membership in Editorial Boards**

- 2010-present     Interventional Cardiology
- 2010-present     Therapeutic Hypothermia and Temperature Management
- 2011-present     Cor et Vasa
- 2015-present     Advances in Interventional Cardiology

### **Invited Reviewer:**

#### General cardiology:

European Heart Journal (EHJ), Journal of American College of Cardiology (JACC), American Journal of Cardiology, International Journal of Cardiology, Circulation, Indian Heart Journal, PLOS

#### Acute cardiac care:

Acute Cardiac Care European Heart Journal, Acute Cardiac Care (Israel)

#### Interventional cardiology:

Eurointervention, JACC Cardiovascular Interventions, Catheterization and Cardiovascular Interventions, Interventional Cardiology, Advances in Interventional Cardiology, Journal of Structural Heart Disease

Critical care and Resuscitation medicine: Resuscitation, Resuscitation Plus, Critical Care, Critical Care Medicine, BMC Anesthesiology

### **Research Support**

- 1992-1993     Is mechanical ventilation essential during CPR? Laerdal Foundation for Acute Medicine, Norway. Principal investigator: Max Harry Weil. Role: Co-investigator
- 1998-2001     On-line analysis of ventricular fibrillation signal during cardiac arrest. Ministry of Science, Republic of Slovenia. Role: Principal investigator
- 2001-2004     Percutaneous coronary angioplasty in acute myocardial infarction. Ministry of Science, Republic of Slovenia. Role: Principal investigator
- 2004-2018     “Emergency situations in internal medicine” (P3-0331). Ministry of Science, Republic of Slovenia. Role: Principal investigator

**International invited lectures/panels 1992-2020:** 223

### **Peer Review Publications (PubMed)**

1. Noc M, Stajer D, Horvat M. Intravenous amiodarone versus verapamil for acute conversion of paroxysmal atrial fibrillation to sinus rhythm. *Am J Cardiol* 1990;65:679-80.
2. Weil MH, Noc M. Cardiopulmonary resuscitation: State of the art. *J Cardiothoracic Vasc Anesth* 1992;6:499-503.
3. Noc M, Weil MH, Sun S, Gazmuri RJ, Tang W, Pakula JL. A comparison of gastric luminal and gastric wall PCO<sub>2</sub> during hemorrhagic shock. *Circ Shock* 1993;40:194-199.
4. Stajer LD, Mozina H, Noc M, Rode P. Correlation between QTc interval and left ventricular systolic dysfunction in patients with acute myocardial infarction. *J Electrocardiol* 1993;26:333-340.
5. Tang W, Weil MH, Noc M, Sun S, Gazmuri RJ, Bisera J. Augmented efficacy of external CPR by intermittent occlusion of the ascending aorta. *Circulation* 1993;88:1916-1921.
6. Weil MH, Tang W, Noc M. Acid-base balance during cardiopulmonary resuscitation. *Crit Care Med* 1993;21:S323-324.
7. Tang W, Weil MH, Sun S, Noc M, Gazmuri RJ, Bisera J. Gastric intramural PCO<sub>2</sub> as a monitor of perfusion failure during hemorrhagic and anaphylactic shock. *J Appl Physiol* 1994;76:572-7.
8. Yang L, Weil MH, Noc M, Tang W, Turner T, Gazmuri RJ. Spontaneous gasping increases the ability to resuscitate during experimental cardiopulmonary resuscitation. *Crit Care Med* 1994;22:879-83.
9. Noc M, Weil MH, Gazmuri RJ, Sun S, Bisera J, Tang W. Ventricular fibrillation voltage as a monitor of the effectiveness of cardiopulmonary resuscitation. *J Clin Lab Med* 1994;124:421-6.
10. Noc M, Weil MH, Sun S, Tang W, Bisera J. Spontaneous gasping during cardiopulmonary resuscitation without mechanical ventilation. *Am J Respir Crit Care Med* 1994;150:861-4.
11. Johnson BA, Weil MH, Tang W, Noc M, McKee D, McCandless D. Mechanisms of myocardial hypercarbic acidosis during cardiac arrest. *J Appl Physiol* 1995;78:1579-84.
12. Noc M, Weil MH, Tang W, Turner T, Fukui M. Positive pressure ventilation may not be essential for initial cardiopulmonary resuscitation. *Chest* 1995;108:821-27.
13. Tang W, Weil MH, Sun S, Noc M, Yang L, Gazmuri RJ. Epinephrine increases severity of postresuscitation myocardial dysfunction. *Circulation* 1995;92:3089-93.

14. Weil MH, Tang W, Amith G, Noc M. Effectiveness of bystander CPR. JAMA 1996;275:1157-8.
15. Blinc A, Noc M, Pohar B, Cernic N, Horvat M. Subacute rupture of the left ventricular free wall after acute myocardial infarction: Three cases of long-term survival without emergency surgical repair. Chest 1996;109:565-67.
16. Tang W, Pakula JL, Weil MH, Noc M, Fukui M, Bisera J. Adrenergic vasopressor agents and mechanical ventilation for the treatment of experimental septic shock. Crit Care Med 1996;24:125-30.
17. Sato Y, Weil MH, Sun S, Tang W, Xie J, Noc M, Bisera J. Adverse effects of interrupting precordial compression during cardiopulmonary resuscitation Crit Care Med 1997;25:733-6.
18. Krivec B, Voga G, Zuran I, Skale R, Pareznik R, Podbregar M, Noc M. Diagnosis and treatment of shock due to massive pulmonary embolism. Approach with transesophageal echocardiography and intrapulmonary thrombolysis. Chest 1997;112:1310-16.
19. Remskar M, Noc M, Leskovsek B, Horvat M. Profound circulatory shock following heroin overdose. Resuscitation 1998;38:51-3.
20. Tadel S, Horvat M, Noc M. Treatment of out-of-hospital cardiac arrest in Ljubljana - outcome report according to the "Utstein" style. Resuscitation 1998;38:169-76.
21. Noc M, Weil MH, Tang W, Sun S, Pernat A, Bisera J. Electrocardiographic prediction of the success of cardiac resuscitation. Crit Care Med 1999;27:708-14.
22. Remskar M, Mozina H, Noc M, Zorman D, Stepec S. Acute myocardial infarction - failed thrombolysis followed by severe upper gastrointestinal bleeding. Resuscitation 1999;41:282-3
23. Martinjak-Dovsek I, Gorjup V, Horvat M, Noc M. Acute isoniazid neurotoxicity without overdose. Crit Care Med 2000;28:567-8.
24. Matetzky S, Sharir T, Domingo M, Noc M, Chyu KY, Kaul S, Eigler N, Shah PK, Cercek B. Elevated troponin-I level on admission is associated with adverse outcome of primary angioplasty in acute myocardial infarction. Circulation 2000;102:1611-6.
25. Zupan I, Noc M, Trinkaus D, Popovic M. Double vessel extension of spontaneous left main coronary artery dissection in young women treated with thrombolytics. Cath Cardiovasc Interv 2001;52:226-30.
26. Matetzky S, Sharir T, Noc M, Domingo M, Kar S, Eigler N, Shah PK, Cercek B. Primary angioplasty for acute myocardial infarction in octogenarians. Am J Cardiol 2001;88:680-83.
27. Remskar M, Horvat M, Hojker S, Noc M. Procalcitonin in patients with acute myocardial infarction. Wien Klin Wochenschr 2002;114:205-10.

28. Tretjak M, Gorjup V, Mozina H, Horvat M, Noc M. Cerebral and myocardial gas embolism due to inhalation of pressurized helium. *Crit Care Med* 2002;30:1156-7.
29. Ploj T, Bajuk K, Studen P, Noc M, Horvat M. Blood pressure and heart arte during an episode of unstable angina as predictors of in-hospital outcome. *Wien Klin Wochenschr* 2002; 114:443-447.
30. Noc M, Matetzky S, Domingo M, Kar S, Makkar R, Cercek B, Litvack F. Frequency of incomplete reperfusion in patients with acute myocardial infarction undergoing primary angioplasty. *Am J Cardiol* 2002;90:316-8.
31. Zorman S, Zorman D, Noc M. Effects of abciximab pretreatment in patients with acute myocardial infarction undergoing primary angioplasty. *Am J Cardiol* 2002;90:533-36.
32. Ambrozic J, Zorman D, Noc M. Severe coronary ectasia and tortuosity-an unpleasant finding during percutaneous intervention for acute coronary syndrome. *Wien Klin Wochenschr* 2003; 115:132-34.
33. Matetzky S, Domingo M, Kar S, Noc M, Shah PK, Kaul S, Daar E, Cercek B. Acute myocardial infarction in human immunodeficiency virus-infected patients. *Arch Intern Med* 2003;163:457-60.
34. Cercek B, Shah PK, Noc M, Zanger D, Zeymer U, Matetzky S, Maurer G, Mahrer P, for AZACS Investigators. Effect of short-term treatment with azithromycin on recurrent ischaemic events in patients with acute coronary syndrome in acute coronary syndrome (AZACS) trial: a randomized controlled trial. *Lancet* 2003; 361:809-13.
35. Koželj M, Novak-Antolič Ž, Noc M, Antolič G. Idiopathic dilated cardiomyopathy in pregnancy. *Acta Obstet Gynecol Scand* 2003;82;389-90.
36. Tretjak M, Verovnik F, Vujkovic B, Slemenik-Pusnik C, Noc M. Severe diabetic ketoacidosis associated with acute myocardial necrosis. *Diabetes Care* 2003;26:2959-60.
37. Marinsek M, Larkin GL, Zohar P, Bervar M, Pekolj-Bicanic M, Mocnik FS, Noc M, Podbregar M. Efficacy and impact of monophasic versus biphasic countershocks for transthoracic cardioversion of persistent atrial fibrillation. *Am J Cardiol* 2003;92:988-91.
38. Brvar M, Ploj T, Kozelj G, Mozina M, Noc M, Bunc M. Case report: fatal poisoning with *Colchicum autumnale*. *Crit Care* 2004;8:56-9.
39. Azman Juvan K, Gorjup V, Noc M. Rescue percutaneous coronary intervention during cardiopulmonary resuscitation. *Resuscitation* 2004;61:231-236.
40. Vencelj B, Demsar M, Mohor M, Knafelj R, Noc M. For whom the bell tools? *Resuscitation* 2004;61:365-6.
41. Brvar M, Mozina H, Osredkar J, Mozina M, Noc M, Brucan A, Bunc M. S100B protein in carbon monoxide poisoning: a pilot study. *Resuscitation* 2004;61:357-60.

42. Godicke J, Flather M, Noc M, Gyongyosi M, Arntz HR, Grip L, Gabriel HM, Huber K, Nugara F, Schroder J, Svensson L, Wang D, Zorman S, Montalescot G. Meta-analysis of early versus peri-procedural administration of abciximab for primary angioplasty. *Am Heart J* 2005;150(5):1015.
43. Gorjup V, Radsel P, Kocjancic Tadel S, Erzen D, Noc M. Acute ST-elevation myocardial infarction after successful cardiopulmonary resuscitation. *Resuscitation* 2007;72:379-85.
44. Knafelj R, Radsel P, Ploj T, Noc M. Primary percutaneous coronary intervention and mild induced hypothermia in comatose survivors of ventricular fibrillation with ST-elevation acute myocardial infarction. *Resuscitation* 2007;74:227-234.
45. Tadel Kocjančič S, Zorman S, Jazbec A, Gorjup V, Zorman D, Noc M. Effectiveness of primary percutaneous coronary intervention for acute ST-elevation myocardial infarction from a 5-year single center experience. *Am J Cardiol* 2008;101:162-8.
46. Noc M, Radsel P. Urgent invasive coronary strategy in patients with sudden cardiac arrest. *Current Opinion Crit Care* 2008;14:287-91.
47. Kranjec I, Cerne A, Noc M. Ephedrine-induced acute myocardial infarction in a young athlete: A case of thrombus management. *Angiology* 2008;60:254-8.
48. De Luca G, Gibson MC, Bellandi F, Murphy S, Maioli M, Noc M, Zeymer U, Dudek , Arntz HR, Zorman S, Gabriel M, Emre A, Cutlip D, Biondi-Zoccai G, Rakowski T, Gyongyosi M, Marino P, Huber K Van't Hof A. Early glycoprotein IIb/IIIa inhibitors in primary angioplasty (EGYPT) cooperation: an individual patient data meta-analysis. *Heart* 2008;94:1548-58.
49. Noc M. Urgent coronary angiography and percutaneous coronary intervention as a part of postresuscitation management. *Crit Care Med* 2008; 36 (Suppl):S454-S457.
50. Dudek D, Siudak Z, Jazon M, Birkemeyer R, Aldama-Lopez G, Lettieri C, Janus B, Wisniewski A, Berti S, Olivari Z, Rakowski T, Partyka L, Goedicke J, Zmudka K, for EUROTRANSFER Registry Investigators. European registry on patients with ST-elevation myocardial infarction transferred for mechanical reperfusion with special focus on early administration of abciximab-EUROTRANSFER Registry. *Am Heart J* 2008;156:1147-54.
51. De Luca G, Gibson CM, Huber K, Zeymer U, Dudek D, Cutlip D, Bellandi F, Noc M, Emre A, Zorman S, Gabriel HM, Maioli M, Rakowski T, Gyongyosi M, van't Hof AWJ; EGYPT cooperation. Association between advanced Killip class at presentation and impaired myocardial perfusion among patients with ST-segment elevation myocardial infarction treated with primary angioplasty and adjunctive glycoprotein IIb/IIIa inhibitors. *Am Heart J* 2009;158:416-21.
52. De Luca G, Gibson CM, Bellandi F, Murphy S, Maioli M, Noc M, Zeymer U, Dudek D, Arntz HR, Zorman S, Gabriel HM, Emre A, Cutlip D, Rakowski T, Gyongyosi M, Huber K, van't Hof AWJ. Benefits of pharmacological facilitation with glycoprotein IIb/IIIa

- inhibitors in diabetic patients undergoing primary angioplasty for STEMI. A subanalysis of the EGYPT cooperation. *J Thromb Thrombolysis* 2009;28:288-89
53. De Luca G, Gibson CM, Bellandi F, Noc M, Dudek D, Zeymer U, Arntz HR, Cutlip D, Maioli M, Zorman S, Mesquita GH, Emre A, Rakowski T, Gyongyosi M, Huber K, van't Hof AWJ. Diabetes mellitus is associated with distal embolization, impaired myocardial perfusion, and higher mortality in patients with ST-segment elevation myocardial infarction treated with primary angioplasty and glycoprotein IIb/IIIa inhibitors. *Atherosclerosis* 2009;207:181-5.
  54. Mirkovic T, Knezevic I, Breclj A, Kranjec I, Noc M. Extrinsic left main compression: Review of the literature. *J Interv Cardiol* 2009; 22:550-5.
  55. De Luca G, Gibson CM, Bellandi F, Noc M, Maioli M, Zorman S, Zeymer U, Gabriel HM, Emre A, Cutlip D, Arntz HR, Dudek D, Rakowski T, Gyongyosi M, Huber K, Van't Hof AW. Impact of distal embolization on myocardial perfusion and survival among patients undergoing primary angioplasty with glycoprotein IIb/IIIa inhibitors: insights from the EGYPT cooperation. *J Thromb Thrombolysis* 2010;30:23-8.
  56. Widimsky P, Wijns W, Fajadet J, de Belder M, Knot J, Aaberge L, Andrikopoulos G, Baz JA, Betriu A, Claeys M, Danchin N, Djambazov S, Erne P, Hartikainen J, Huber K, Kala P, Klinecva M, Kristensen SD, Ludman P, Ferre JM, Merkely B, Milicic D, Morais J, Noc M, Opolski G, Ostojic M, Radovanovic D, De Servi S, Stenestrand U, Studencan M, Tubaro M, Vasiljevic Z, Weindiger F, Witkowski A, Zeymer U, on behalf of the European Association for Percutaneous Cardiovascular Interventions. Reperfusion therapy for ST elevation acute myocardial infarction in Europe: description of the current situation in 30 countries. *Eur Heart J* 2010;31:943-57.
  57. De Luca G, Gibson CM, Gyongyosi M, Zeymer U, Dudek D, Arntz HR, Bellandi F, Maioli M, Noc M, Zorman S, Gabriel HM, Emre A, Cutlip D, Rakowski T, Huber K, Van't Hof AW. Gender-related differences in outcome after ST-segment elevation myocardial infarction treated by primary angioplasty and glycoprotein IIb/IIIa inhibitors: insights from the EGYPT cooperation. *J Thromb Thrombolysis* 2010;30:342-6.
  58. Guidelines on myocardial revascularization: The task force on myocardial revascularization of the European Society of Cardiology (ESC) and the European Association for Cardio-thoracic surgery (EACTS). *Eur Heart J* 2010;20:2501-55.
  59. Guidelines on myocardial revascularization: The task force on myocardial revascularization of the European Society of Cardiology (ESC) and the European Association for Cardio-thoracic surgery (EACTS). *Eur J Cardiothorac Surg* 2010;38:Suppl: S1-S52.
  60. Rajapakse R, Noc M, Kersnik J. Public knowledge of cardiopulmonary resuscitation in Republic of Slovenia. *Wien Klin Wochenschr* 2010;122:667-72.
  61. Balevski I, Cizek Sajko M, Kanic V, Noc M. Catheter aspiration in ST-elevation myocardial infarction and different extent of coronary thrombus. *Am J Cardiol* 2011;107:681-4.

62. Radsel P, Knafelj R, Kocjancic S, Noc M. Angiographic characteristics of coronary disease and postresuscitation electrocardiograms in patients with aborted cardiac arrest outside a hospital. *Am J Cardiol* 2011;108:634-38.
63. De Luca G, Bellandi F, Huber K, Noc M, Petronio AS, Arntz HR, Maioli M, Gabriel HM, Zorman S, De Carlo M, Rakowski T, Gyongyosi M, Dudek D. Early glycoprotein IIb/IIIa inhibitors in primary angioplasty-Abciximab long-term results (EGYPT-ALT) cooperation. An individual patients data meta-analysis. *J Throm Haemost* 2011;12:2361-70.
64. Golicnik A, Knezevic I, Racic M, Noc M, Gorjup V. Extracorporeal life support: first year of experience implementing the technique in Slovenia. *Int J Artif Organs* 2012;35:392-9.
65. Gorjup V, Fister M, Noc M, Rajic V, Ribaric SF. Treatment of sepsis and ARDS with extracorporeal membrane oxygenation and interventional lung assist membrane ventilator in a patient with acute lymphoblastic leukemia. *Resp Care* 2012;7:1178-81.
66. Maioli M, Zeymer U, Van't Hof AW, Gibson CM, Dudek D, Bellandi F, Noc M, Secco GG, Zorman S, Gabriel HM, Emre A, Cutlip D, Rakowski T, Gyongyosi M, Huber K, De Luca G. EGYPT cooperation. Impact of procedural TIMI flow on myocardial perfusion, distal embolization and mortality in patients with ST-segment elevation myocardial infarction treated by primary angioplasty and glycoprotein IIb/IIIa inhibitors. *J Invasive Cardiol* 2012;24:324-7.
67. De Luca G, Gibson CM, Huber K, Dudek D, Cutlip D, Yeymer U, Gyongyosi M, Bellandi F, Noc M, Arntz HR, Maioli M, Secco GG, Zorman S, Gabriel HM, Emre A, Rakowski T, Van't Hof AW. Time-related impact of distal embolization on myocardial perfusion and survival among patients undergoing primary angioplasty with glycoprotein IIb-IIIa inhibitors: insights from the EGYPT cooperation. *Eurointervention* 2012;8:470-6.
68. Noc M, Goslar T, Radsel P. Hunting for diagnosis of cardiac arrest. *Resuscitation* 2012;83:1423-4.
69. De Luca G, Van't Hof AW, Huber K, Gibson CM, Bellandi F, Arntz HR, Maioli M, Noc M, Zorman S, Secco GG, Yeymer U, Gabriel HM, Emre A, Cutlip D, Rakowski T, Gyongyosi M, Dudek D. Impact of advanced age on myocardial perfusion, distal embolization, and mortality patients with ST-segment elevation myocardial infarction by primary angioplasty and glycoprotein IIb-IIIa inhibitors. *Heart Vessels* 2014;29(1):15-20.
70. De Luca G, Gibson MC, Hof AW, Zeymer U, Noc M, Maioli M, Zorman S, Gabriel MH, Secco GG, Emre A, Dudek D, Rakowski T, Gyongzosi M, Huber K, Bellandi F, on behalf of the EGYPT cooperation. Impact of time-to-treatment on myocardial perfusion after primary percutaneous coronary intervention with Gp IIb-IIIa inhibitors. *J Cardiovasc Med (Hagerstown)* 2013;14(11):815-20.

71. Noc M, Knafelj R, Mrevlje B. Urgent invasive coronary strategy and mild induced hypothermia in patients with resuscitated sudden cardiac arrest. *Polish Heart J* 2013;71:286-289.
72. De Luca G, Gibson MC, Cutlip D, Huber K, Dudek D, Bellandi F, Noc M, Maioli M, Zorman S, Zeymer U, Secco GG, Gabriel MH, Emre A, Arntz HR, Rakowski T, Gyongzosi M, Van't Hof AW, on behalf of the EGYPT cooperation. Impact of multivessel disease on myocardial perfusion and survival among patients undergoing primary percutaneous coronary intervention with Gp IIb-IIIa inhibitors. *Arch Cardiovasc Dis* 2013;106:155-61.
73. Radsel P, Noc M. Should we use postresuscitation ECG to decide for immediate invasive coronary strategy after resuscitated cardiac arrest? *Resuscitation* 2013;84:1169-70.
74. De Luca G, Van't Hof AW, Huber K, Gibson MC, Bellandi F, Arntz HR, Maioli M, Noc M, Zorman S, Zeymer U, Gabriel MH, Emre A, Cutlip D, Rakowski T, Gyongzosi M, Dudek D; EGYPT cooperation. Impact of hypertension on distal embolization, myocardial perfusion and mortality in patients with ST-segment elevation myocardial infarction undergoing primary angioplasty. *Am J Cardiol* 2013;112:1083-6.
75. Kristensen SD, Laut KG, Fajadet J, Kaifoszova Z, Kala P, Di Mario C, Wijns W, Clemmensen P, Agladze V, Antoniades L, Alhabib KF, De Boer MJ, Claeys MJ, Deleanu D, Dudek D, Erglis A, Gilard M, Goktekin O, Guagliumi G, Gudnason T, Hansen KW, Huber K, James S, Janota T, Jennings S, Kajander O, Kanakakis J, Karamfiloff KK, Kedev S, Kornowski R, Ludman PF, Merkely B, Milicic D, Najafov R, Nicolini FA, Noc M, Ostojic M, Pereira H, Radovanovic D, Sabaté M, Sobhy M, Sokolov M, Studencan M, Terzic I, Wahler S, Widimsky P; On behalf of the European Association for Percutaneous Cardiovascular Interventions. Reperfusion therapy for ST elevation acute myocardial infarction 2010/2011: current status in 37 ESC countries. *Eur Heart J* 2014;35(29):1957-70.
76. Erlinge D, Gotberg M, Lang I, Holzer M, Noc M, Clemmensen P, Jensen U, Metzler B, James S, Botker HE, Omerovic E, Engblom H, Carlsson M, Arheden H, Ostlund O, Wallentin L, Harnek J, Olivecrona GK. Rapid endovascular catheter core cooling combined with cold saline as an adjunct to percutaneous coronary intervention for the treatment of acute myocardial infarction -the CHILL- MI Trial. *J Am Coll Cardiol*. 2014;63:1857-65.
77. Noc M, Fajadet J, Lassen JF, Kala P, MacCarthy P, Olivecrona GK, Windecker S, Spaulding C. Invasive Coronary Treatment Strategies for Out-Of-Hospital Cardiac Arrest: A Consensus Statement from the European Association for Percutaneous Cardiovascular Interventions (EAPCI)/Stent for Life (SFL) groups. *Eurointervention* 2014;10(1):31-7.
78. Gorjup V, Noc M, Radsel P. Invasive strategy in patients with resuscitated cardiac arrest and ST elevation myocardial infarction. *World J Cardiol* 2014;6:444-448.

79. Kocjancic ST, Jazbec A, Noc M. Impact of intensified postresuscitation treatment on outcome of comatose survivors of out-of-hospital cardiac arrest according to initial rhythm. *Resuscitation* 2014;85(10):1364-9.
80. Locca D, Eeckhout E, Noc M, Sianos G, Shin DH, Hong MK. How should I treat an undeployed stent stuck in the proximal LAD? Going for another round... *Eurointervention* 2014;10:528-30.
81. Mrevlje B, Legutko J, Jakała J, Noc M, Dudek D, Birkemeyer R, Aboukoura M, Nienaber C. Optical coherence tomography of coronary arteries - a novel intravascular imaging modality. *Dtsch Med Wochenschr.* 2014 Sep;139(39):1941-6.
82. Achtchi A, Ibrahim AW, Rahman A, Rab ST, Noc M, Thiele H. How should I treat refractory cardiogenic shock in acute STEMI with multivessel occlusion? *EuroIntervention.* 2014;10(8):1009-12.
83. Cuisset T, Noc M. Multivessel PCI in STEMI: ready to be the recommended strategy? *EuroIntervention.* 2014;10(Suppl T):T47-54.
84. De Luca G, Van't Hof AW, Gibson CM, Cutlip D, Zeymer U, Noc M, Maioli M, Zorman S, Gabriel HM, Emre A, Rakowski T, Gyongyosi M, Huber K, Bellandi F, Dudek D; EGYPT cooperation. Impact of Time from Symptom Onset to Drug Administration on Outcome in Patients Undergoing Glycoprotein IIb-IIIa Facilitated Primary Angioplasty (from the EGYPT Cooperation). *Am J Cardiol.* 2015;115(6):711-5.
85. Steblovnik K, Blinc A, Bozic Mijovski M, Kranjec I, Melkic E, Noc M. Platelet reactivity in comatose survivors of cardiac arrest undergoing percutaneous coronary intervention and hypothermia. *Eurointervention* 2015;10(12):1418-24.
86. Fister M, Knezevic I, Stupnik S, Noc M. Echocardiography in the catheterization laboratory. *Polish Heart J* 2015;73(3):222.
87. Noc M, Cernic Suligoj N, Zvan B, Zorc M, Kar. In-tunnel closure of patent foramen ovale with FlatStent EF<sup>TM</sup>. *Polish Heart J* 2015;73(7):419-23.
88. Rauber M, Stajer D, Noc M, Schlegel TT, Starc V. High resolution ECG-aided early prognostic model for comatose survivors of out of hospital cardiac arrest. *J Electrocardiol* 2015;48(4):544-50.
89. Erlinge D, Gotberg M, Noc M, Lang I, Holzer M, Clemmensen P, Jensen U, Metzler B, James S, Botker HE, Omerovic E, Koul S, Engblom H, Carlsson M, Arheden H, Ostlund O, Wallentin L, Klos B, Harnek J, Olivecrona GK. Therapeutic hypothermia for the treatment of acute myocardial infarction-combined analysis of the RAPID MI-ICE and the CHILL-MI trials. *Ther Hypothermia Manag* 2015;5(2):77-84.
90. Polderman KH, Noc M, Beishuizen B, Biermann H, Girbes ARJ, Tully GW, Wanscher M, Albertsson PA, Holmberg M, Sterz F, Holzer M. Ultra-rapid induction of hypothermia using continuous automated peritoneal lavage with ice-cold fluids - final results of the CAMARO trial. *Crit Care Med* 2015;43(10):2191-201.

91. Polderman KH, Noc M, Kurz M, Aibiki M. Therapeutic hypothermia in post-cardiac arrest and myocardial infarction. *Ther Hypothermia Manag* 2015;5(4):193-7.
92. Noc M. Prime time for veno-arterial extracorporeal membrane oxygenation in 24-7 interventional cardiology center? *Adv Interv Cardiol* 2015;11:1-3.
93. van Nunen LX, Noc M, Kapur NK, Patel MR, Perera D, Pijls NHJ. Usefulness of intra-aortic balloon counterpulsation. *Am J Cardiol* 2016;117(3):469-76.
94. Thiele H, Desch S, Piek JJ, Stepinska J, Oldroyd K, Serpytis P, Montalescot G, Noc M, Huber K, Fuernau G, de Waha S, Meyer-Saraei R, Schneider S, Windecker S, Savonitto S, Briggs A, Torremante P, Vrints C, Schuler G, Ceglarek U, Thiery J, Zeymer U; CULPRIT-SHOCK Investigators. Multivessel versus culprit lesion only percutaneous revascularization plus potential staged revascularization in patients with acute myocardial infarction complicated by cardiogenic shock: Design and rationale of CULPRIT-SHOCK trial. *Am Heart J*. 2016;172:160-9.
95. Ksela J, Knafelj R, Sostaric M, Noc M. Venous-arterial extracorporeal membrane oxygenation and embolectomy in massive pulmonary thromboembolism. *Polish Heart J* 2016;74(4):393.
96. Suligoj B, Cernic-Suligoj N, Zorc M, Noc M, Kar S. Retrograde transcatheter closure of ventricular septal defect with Amplatzer Ductal Occluder II. *Adv Interv Cardiol* 2016;12,2(44):1-2.
97. Malik V1, Safaa A, Clugston R, Noc M, Fister M, Vranckx P, Valgimigli M, Heidbuchel H. How should I treat this unusual anterolateral ST-elevation myocardial infarction with recurrent ventricular fibrillation and cardiac arrest? *EuroIntervention*. 2016: 12:928-32.
98. Filekovic Ribaric S, Turel M, Knafelj R, Gorjup V, Stanic R, Gradisek P, Cerovic O, Mirkovic T, Noc M. Prophylactic versus clinically-driven antibiotics in comatose survivors of out-of-hospital cardiac arrest-a randomized study. *Resuscitation* 2017;111:103-109.
99. Steblovnik K, Blinc A, Bozic Mijovski M, Fister M, Mikuz U, Noc M. Ticagrelor versus clopidogrel in comatose survivors of out-of-hospital cardiac arrest undergoing percutaneous coronary intervention and hypothermia: A randomized study. *Circulation* 2016;134:2128-30.
100. Goslar T, Knafelj R, Radsel P, Fister M, Golicnik A, Steblovnik K, Gorjup V, Noc M. Emergency percutaneous implantation of veno-arterial extracorporeal membrane oxygenation in catheterization laboratory. *Eurointervention* 2016;12:1465-72.
101. Mohammad MA, Noc M, Lang I, Holzer M, Clemmensen P, Jensen U, Metzler B, Erlinge D. Proteomics in Hypothermia as Adjunctive Therapy in Patients with ST-Segment Elevation Myocardial Infarction: A CHILL-MI Substudy. *Ther Hypothermia Temp Manag*. 2017;7:152-161.

102. Storm C, Nee J, Sunde K, Holzer M, Hubner P, Taccone FS, Friberg H, Lopez-de-Sa E, Cariou A, Schefold JC, Ristagno G, Noc M, Donker DW, Andres J, Krawczyk P, Skrifvars MB, Penketh J, Krannich A, Fries M. A survey on general and temperature management of post cardiac arrest patients in large teaching and university hospitals in 14 European countries-The SPAME trial results. *Resuscitation*. 2017;116:84-90.
103. Noc M, Erlinge D, Neskovic AN, Kafedzic S, Merkely B, Zima E, Fister M, Petrović M, Čanković M, Veress G, Laanmets P, Pern T, Vukcevic V, Dedovic V, Šredniawa B, Świątkowski A, Keeble TR, Davies JR, Warenits AM, Olivecrona G, Peruga JZ, Ciszewski M, Horvath I, Edes I, Nagy GG, Aradi D, Holzer M. COOL AMI EU Pilot Trial: A Multicenter, Prospective, Randomized Controlled Trial to Assess Cooling as an Adjunctive Therapy to Percutaneous Intervention in Patients with Acute Myocardial Infarction. *Eurointervention* 2017;13(5):e531-e535.
104. Thiele H, Akin I, Sandri M, Fuernau G, de Waha S, Meyer-Saraei R, Nordbeck P, Geisler T, Landmesser U, Skurk C, Fach A, Lapp H, Piek JJ, Noc M, Goslar T, Felix SB, Maier LS, Stepinska J, Oldroyd K, Serpytis P, Montalescot G, Barthelemy O, Huber K, Windecker S, Savonitto S, Torremante P, Vrints C, Schneider S, Desch S, Zeymer U; CULPRIT-SHOCK Investigators. PCI Strategies in patients with acute myocardial infarction and cardiogenic shock. *N Engl J Med*. 2017; 377:2419-2432.
105. Dae M, O'Neill W, Grines C, Dixon S, Erlinge D, Noc M, Holzer M, Dee A. Effects of endovascular cooling on infarct size in ST-segment elevation myocardial infarction: A patient-level pooled analysis from randomized trials. *J Interven Cardiol* 2018;31:269-76.
106. Radsel P, Noc M. Resuscitated cardiac arrest without STEMI-should we go immediate to the cath lab? *Resuscitation*. 2018;126:A3-A4..
107. Watson N, Potter M, Karamasis G, Damian M, Pottinger R, Clesham G, Gamma R, Aggarwal R, Sayer J, Robinson N, Jagathesan R, Kabir A, Tang K, Kelly P, Maccaroni M, Kadayam R, Nalgirkar R, Namjoshi G, Urovi S, Pai A, Waghmare K, Caruso V, Hampton-Till J, Noc M, Davies JR, Keeble TR. Is it feasible and safe to wake cardiac arrest patients receiving mild therapeutic hypothermia after 12 hours to enable early neuro-prognostication? The Therapeutic Hypothermia and Early Waking Trial Protocol. 2018;8(3):150-155.
108. Radsel P, Gorjup V, Jazbec A, Knafelj R, Lucovnik M, Kavsek G, Kornhauser Cerar L, Noc M. Pregnancy complicated by influenza A ARDS requiring consecutive VV-ECMO treatment with successful vaginal delivery. *J Artif Organs* 2018;21:471-474.
109. Mohammad MA, Koul S, Smith JG, Noc M, Lang I, Holzer M, Clemmensen P, Jensen U, Engstrom T, Arheden H, James S, Lindahl B, Metzler B, Erlinge D. Predictive value of high-sensitivity troponin for systolic dysfunction and infarct size (six months) after ST-elevation myocardial infarction. *Am J Cardiol* 2018;122(5):735-743.
110. Thiele H, Akin I, Sandri M, de Waha-Thiele S, Meyer-Saraei R, Fuernau G, Eitel I, Nordbeck P, Geisler T, Landmesser U, Skurk C, Fach A, Jobs A, Lapp H, Piek JJ, Noc M, Goslar T, Felix SB, Maier LS, Stepinska J, Oldroyd K, Serpytis P, Montalescot G,

- Barthelemy O, Huber K, Windecker S, Hunziker L, Savonitto S, Torremante P, Vrints C, Schneider S, Zeymer U, Desch S; CULPRIT-SHOCK Investigators. One-Year Outcomes after PCI Strategies in Cardiogenic Shock. *N Eng J Med* 2018;379:1699-1710.
111. Mauri T, Foti G, Fornari C, Constantin JM, Guerin C, Pelosi P, Ranieri M, Conti S, Tubiolo D, Rondelli E, Lovisari F, Fossali T, Spadaro S, Grieco DL, Navalesi P, Calamai I, Becher T, Roca O, Wang YM, Knafelj R, Cortegiani A, Mancebo J, Brochard L, Pesenti A; Protection Study Group, and Collaborators (59): Grasselli G, Spinelli E, Abbruzzese C, Rona R, Bronco A, Villa S, Gianni S, Papoff A, Pincioli R, Colombo R, Sproccati C, Mandelli P, Villa F, Patroniti N, Brunetti I, Ball L, Volta CA, Lazzeri M, Maragoni E, Eleuteri D, Bello G, dell'Anna A, Garofalo E, Bruni A, Biamonte E, D'Andrea R, Querci L, Pierucci E, Spina R, Mori I, Tomeo F, Mercat A, Beloncle F, Jochmans S, Mazerand S, Baboi L, Yonis H, Jabaudon M, Godet T, Jovaisa T, Barnes T, Tariq U, Weiler N, Schädler D, Frerichs I, García-de-Acilu M, Vidal A, Rosas E, Calvo CP, Zhou JX, Karagiannis S, Zisopoulou V, Staikos I, Noc M, Fister M, Radsel P, Gregoretta C, Sabella I, Raineri SM. Pressure support ventilation + sigh in acute hypoxemic respiratory failure patients: study protocol for a pilot randomized controlled trial, the PROTECTION trial. *Trials*. 2018;19:460.
  112. Radsel P, Noc M. Immediate coronary angiography after cardiac arrest –friend or a foe? *Resuscitation* 2018;132:A5-A6.
  113. Slapnik E, Rauber M, Kocjancic ST, Jazbec A, Noc M, Radsel P. Outcome of conscious survivors of out-of-hospital cardiac arrest. *Resuscitation*. 2018;133:1-4.
  114. Noc M, Friberg H, Huang CH, Empey PE. Therapeutic Hypothermia in Cardiac Arrest. *Ther Hypothermia Temp Manag*. 2018;8:195-198.
  115. Fister M, Knafelj R, Radsel P, Zlicar M, Noc M. Cardiopulmonary resuscitation with extracorporeal membrane oxygenation (E-CPR) in a patient with profound accidental hypothermia and refractory ventricular fibrillation. *Ther Hypothermia Temp Manag*. 2019;9:86-89.
  116. Keeble TR, Karamasis GV, Noc M, Sredniawa B, Aradi D, Neskovic AN, Arheden H, Erlinge D, Holzer M. Effect of intravascular cooling on microvascular obstruction (MVO) in conscious patients with ST-elevation myocardial infarction undergoing primary PCI: Results from the COOL AMI EU pilot study. *Cardiovasc Revasc Med*. 2019;20:799-804.
  117. Kurz MC, Lyden P, Dae M, Noc M. Studies targeting stroke and acute myocardial infarction. *Ther Hypothermia Temp Manag*. 2019;9:8-12.
  118. Umińska JM, Ratajczak J, Buszko K, Sobczak P, Sroka W, Marszał MP, Adamski P, Steblovnik K, Noc M, Kubica J. Impact of mild therapeutic hypothermia on bioavailability of ticagrelor in patients with acute myocardial infarction after out-of-hospital cardiac arrest. *Cardiol J*. 2019 Feb 25. doi: 10.5603/CJ.a2019.0024. [Epub ahead of print]
  119. Berden J, Steblovnik K, Noc M. Mechanism and extent of myocardial injury associated

- with out-of-hospital cardiac arrest. *Resuscitation*. 2019;138:1-7.
120. Cernic Suligoj N, Rojko M, Suligoj B, Zorc M, Kar S, Noc M. Long term transesophageal echocardiography after patent foramen ovale closure by Biostar and Amplatzer PFO occluder. *Catheter Cardiovasc Interv* 2020 Feb 15;95(3):349-354. doi:10.1002/ccd.28360 [Epub ahead of print]
  121. Pareek N, Kordis P, Webb I, Noc M, MacCarthy P, Byrne J. Contemporary management of out-of-hospital cardiac arrest in the cardiac catheterisation laboratory: Current status and future directions. *Interv Cardiol*. 2019 Nov 18;14(3):113-123. doi: 10.15420/icr.2019.3.2.
  122. Shanmugasundaram M, Truong HT, Harhash A, Ho D, Tran A, Smith N, Ciurlino B, Noc M, Hsu P, Kern KB. Extending time to reperfusion with mild therapeutic hypothermia: A new paradigm for providing primary percutaneous coronary intervention to remote ST segment elevation myocardial infarction patients. *Ther Hypothermia Temp Manag*. 2020 Mar 9. doi: 10.1089/ther.2019.0039. [Epub ahead of print]
  123. Rubini Giménez M, Miller PE, Alviar CL, van Diepen S, Granger CB, Montalescot G, Windecker S, Maier L, Serpytis P, Serpytis R, Oldroyd KG, Noc M, Fuernau G, Huber K, Sandri M, de Waha-Thiele S, Schneider S, Ouarrak T, Zeymer U, Desch S, Thiele H. Outcomes associated with respiratory failure for patients with cardiogenic shock and acute myocardial infarction: A substudy of the CULPRIT-SHOCK Trial. *J Clin Med*. 2020 Mar 20;9(3). pii: E860. doi: 10.3390/jcm9030860.
  124. Freund A, Jobs A, Lurz P, Feistritzer HJ, de Waha-Thiele S, Meyer-Saraei R, Montalescot G, Huber K, Noc M, Windecker S, Zeymer U, Ouarrak T, Schneider S, Thiele H, Desch S. Frequency and Impact of Bleeding on Outcome in Patients With Cardiogenic Shock. *JACC Cardiovasc Interv* 2020 May 25;13(10):1182-1193. doi: 10.1016/j.jcin.2020.02.042.
  125. Barbato E, Noc M, Baumbach A, Dudek D, Bunc M, Skolidis E, Banning A, Legutko J, Witt N, Pan M, Tilsted HH, Nef H, Tarantini G, Kazakiewicz D, Huculeci R, Cook S, Magdy A, Desmet W, Cayla G, Vinereanu D, Voskuil M, Goktekin O, Vardas P, Timmis A, Haude M. Mapping interventional cardiology in Europe: the European Association of Percutaneous Cardiovascular Interventions (EAPCI) Atlas Project. *Eur Heart J* 2020;41:2579-2588. doi.org/10.1093/eurheartj/ehaa475.
  126. Fistrizter HJ, Desch S, Freund A, Poess J, Zeymer U, Ouarrak T, Schneider S, de Waha-Thiele S, Fuernau G, Eitel I, Noc M, Stepinska J, Huber K, Thiele H. Prognostic Impact of Active Mechanical Circulatory Support in Cardiogenic Shock Complicating Acute Myocardial Infarction, Results from the Culprit-Shock Trial. *J Clin Med* 2020;9:E1976 doi: 10.3390/jcm 9061976.
  127. Overtchouk P, Barthelemy O, Hauguel-Moreau M, Guedeney P, Rouanet S, Zeitouni M, Silvain J, Collet JP, Vicaut E, Zeymer U, Desch S, Thiele H, Montalescot G, and Collaborators. Angiographic predictors of outcome in myocardial infarction patients presenting with cardiogenic shock: A CULPRIT-SHOCK angiographic substudy. *EuroIntervention*. 2021;16(15):e1237-e1244. Doi:10.4244/EIJ-D-20-00139.

128. Mrevlje B, Kleczyński P, Kranjec I, Jakała J, Noc M, Rzeszutko L, Dziewierz A, Wizimirski M, Dudek D, Legutko J. Optical coherence tomography versus intravascular ultrasound for culprit lesion assessment in patients with acute myocardial infarction. *Postepy Kardiologii Interwencyjnej*. 2020 Jun;16(2):145-152. doi: 10.5114/aic.2020.96057. Epub 2020 Jun 23.
129. Pareek N, Kordis P, Beckley-Hoelscher N, Pimenta D, Tadel Kocjancic S, Jazbec A, Nevett J, Fothergill R, Kalra S, Lockie T, Shah AM, Byrne J, Noc M, MacCarthy P. A practical risk score for early prediction of neurological outcome after out-of-hospital cardiac arrest: MIRACLE2. *Eur Heart J* 2020;41: 4508-4517. Doi:10.1093/eurheartj/ehaa570.
130. Pirnat M, Stillman AE, Rienmueller R, Noc M, Gorenjak M, Seruga T. Can the degree of coronary collateralization be used in clinical routine as a valid angiographic parameter of viability? *Int J Cardiovasc Imaging* 2021;37:379-388. Doi: 10.1007/s10554-020-01984-5. Epub 2020 Sept 21.
131. Kern KB, Radsel P, Jentzer JC, Seder DB, Lee KS, Lotun K, Janardhanan R, Stub D, Hsu CH, Noc M. A randomized pilot clinical trial of early coronary angiography versus no early coronary angiography for post-cardiac arrest patients without ST-segment elevation: The PEARL study. *Circulation* 2020;142:2002-2012. doi.org/10.1161/CIRCULATIONAHA.120.049569. Epub 2020 Sept 28.
132. Mohammad MA, Koul S, Egerstedt A, Smith JG, Noc M, Lang I, Holzer M, Clemmensen P, Gidlöf O, Metzler B, Engström T, Erlinge D. Using proximity extension proteomics assay to identify biomarkers associated with infarct size and ejection fraction after ST-elevation myocardial infarction. *Sci Rep* 2020 Oct 29;10(1):18663. doi: 10.1038/s41598-020-75399-6.
133. Radsel P, Goslar T, Bunc M, Ksela J, Gorjup V, Noc M. Emergency Veno-arterial extracorporeal membrane oxygenation (VA-ECMO)-supported percutaneous interventions in refractory cardiac arrest and profound cardiogenic shock. *Resuscitation* 2021;160:150-157.
134. Zeitouni M, Akin I, Desch S, Barthélémy O, Brugier D, Collet JP, de Waha-Thiele S, Greenwood JP, Guedeney P, Hage G, Hauguel-Moreau M, Huber K, Kerneis M, Noc M, Oldroyd KG, Piek JJ, Rouanet S, Savonitto S, Serpytis P, Silvain J, Stepinska J, Vicaut E, Vrints CJ, Windecker S, Zeymer U, Thiele H, Montalescot G; CULPRIT-SHOCK trial investigators. Clinical outcomes according to ECG presentations in infarct-related cardiogenic shock in CULPRIT-SHOCK. *Chest*. 2020 Nov 26:S0012-3692(20)35300-9. Doi: 10.1016/j.chest.2020.10.089. Online ahead of print.
135. Mauri T, Foti G, Fornari C, Grasselli G, Pinciroli R, Lovisari F, Tubiolo D, Volta CA, Spadaro S, Rona R, Rondelli E, Navalesi P, Garofalo E, Knafelj R, Gorjup V, Colombo R, Cortegiani A, Zhou JX, D'Andrea R, Calamai I, González AV, Roca O, Grieco DL, Jovaisa T, Bampalis D, Becher T, Battaglini D, Ge H, Luz M, Constantin JM, Ranieri M, Guerin MC, Mancebo J, Pelosi P, Fumagalli R, Brochard L, Pesenti A, PROTECTION Trial Collaborators. Sigh in patients with acute hypoxemic respiratory

failure and ARDS: The PROTECTION Pilot Randomized Clinical Trial. *Chest*. 2021 Apr;159(4):1426-1436. doi: 10.1016/j.chest.2020.10.079. Epub 2020 Nov 13.

136. Thiele H, Freund A, Gimenez MR, de Waha-Thiele S, Akin I, Pöss J, Feistritzer HJ, Fuernau G, Graf T, Nef H, Hamm C, Böhm M, Lauten A, Schulze PC, Voigt I, Nordbeck P, Felix SB, Abel P, Baldus S, Laufs U, Lenk K, Landmesser U, Skurk C, Pieske B, Tschöpe C, Hennersdorf M, Wengenmayer T, Preusch M, Maier LS, Jung C, Kelm M, Clemmensen P, Westermann D, Seidler T, Schieffer B, Rassaf T, Mahabadi AA, Vasa-Nicotera M, Meincke F, Seyfarth M, Kersten A, Rottbauer W, Boekstegers P, Müllenbach R, Dengler T, Kadel C, Schempf B, Karagiannidis C, Hopf HB, Lehmann R, Bufe A, Baumanns S, Öner A, Linke A, Sedding D, Ferrari M, Bruch L, Goldmann B, John S, Möllmann H, Franz J, Lapp H, Lauten P, Noc M, Goslar T, Oerlecke I, Ouarrak T, Schneider S, Desch S, Zeymer U; ECLS-SHOCK Investigators. Extracorporeal life support in patients with acute myocardial infarction complicated by cardiogenic shock - Design and rationale of the ECLS-SHOCK trial. *Am Heart J*. 2021;234:1-11. Doi: 10.1016/j.jah.2021.01.002. Epub 2021 Jan 8.
137. Mendiz AO, Noc M, Fava CM, Gutierrez LA, Szejfman JM, Pleskovic A, Gamboa P, Valdivieso LR, Gada H, Tang GHL. Impact of cusp-overlap view for TAVR with self-expandable valves on 30-day conduction disturbances. *J Interv Cardiol* 2021 Apr 28;2021:9991528. doi:10.1155/2021/9991528. eCollection 2021.
138. Orban M, Kleeberger J, Ouarrak T, Freund A, Feistritzer HJ, Fuernau G, Geisler T, Huber K, Dudek D, Noc M, Montalescot G, Neumer A, Haller A, Clemmensen P, Zeymer U, Desch S, Massberg S, Schneider S, Thiele H, Hausleiter J. Clopidogrel vs. prasugrel vs. ticagrelor in patients with acute myocardial infarction complicated by cardiogenic shock :A pooled IABP-SHOCK II and CULPRIT-SHOCK trial sub-analysis. *Clin Res Cardiol* 2021 May 17. Doi:1007/200392-021-01866-3. Online ahead of print.

#### **Selected Peer Review Publications (not in PubMed)**

1. Olivecrona GK, Noc M. Percutaneous coronary intervention during cardiac arrest and ongoing chest compression. *Interventional Cardiology* 2011;6(1):12-6.
2. Cernic Suligoj N, Zorc M, Grad A, Kar S, Noc M. Percutaneous closure of patent ovale-experience with novel devices. *Slov Kardiolog* 2011;8:13-17.
3. Cenic Suligoj N, Zorc M, Kar S, Noc M. Percutaneous closure of secundum type atrial septal defect in adult patients-our experience. *Slov Kardiolog* 2012;9:4-9.
4. Cernic Suligoj N, Zorc M, Kar S, Noc M. Alcohol septal ablation in hypertrophic obstructive cardiomyopathy-our experience. *Slov Kardiolog* 2013;10:8-13.
5. Knafelj R, Trunk P, Terseglav S, Sostaric M, Noc M. Rescue venoarterial ECMO in cardiogenic shock complicated by refractory cardiac arrest during percutaneous coronary intervention. *Cor et Vasa* 2014;56:e348-353.

6. Goslar T, Radsel P, Knafelj R, Noc M. Venoarterielle extrakorporale membran-oxygenierung-perkutane implantation oder chirurgischer eingriff? Kardiologie update 11:2015;DOI <http://dx.doi.org/10.1055/s-0034-1391895>.
7. Reschner A, Rojko M, Reschner H, Zupan I, Cijan A, Zorc M, Noc M. Analysis of percutaneous coronary interventions in a 10-year period (2005-2015)-a single center experience. Zdrav Vest 2017;86:95-104.
8. Noc M, Cveticanin B, Kar S, Mendiz AO. Left main protection and emergency stenting during TAVR with self-expandable valve. J Structural Heart Disease 2018;4(5):240-24.
9. Golicnik A, Bunc M, Noc M, Gorjup V. Successful use of percutaneous ECMO and intra-aortic balloon support for a rescue valve in valve TAVR procedure in a patient in cardiogenic shock. Trends in Transplant 2019;12:1-3.
10. Rojko M, Cernič Suligoj N, Cveticanin B, Zorc M, Mendiz O, Noc M. Leaflet thrombosis after transcatheter aortic valve implantation-a case report. Zdrav Vestn 2019;88:371-77.
11. Rojko M, Cernič Suligoj N, Zorc M, Kar S, Noc M. Percutaneous closure of patent foramen ovale and atrial septal defect-a case report. Zdrav Vestn 2019;88 (11-12):576-81.
12. Pleskovič A, Rojko M, Černič Šuligoj N, Cvetičanin B, Špan M, Petrovič D, Danojević N, Dorđević M, Zorc M, Noc M. Results of transcatheter aortic valve implantation (TAVI) in the international centre for cardiovascular diseases MC Medicor. Zdrav Vestn 2021;90:139-49.
13. Noc M. <https://www.pconline.com/Cases-resources-images/Cases/Read-share-cases/2020/STEMI-and-COVID-19-when-two-potential-killers-join-up>

### **Invited Book chapters (International Textbooks)**

1. Noc M, Weil MH. Cardiac arrest and cardiopulmonary resuscitation. In: Parrillo J, Bone R, eds. Critical care medicine: Principles of diagnosis and management .Mosby-Year Book Inc. St. Luis, Baltimore, Berlin, Boston, Carlsbad, Chicago, London, Madrid, Neaples, New York, Philadelphia, Sydney, Tokyo, Toronto, 1995, pp. 2-15.
2. Noc M, Weil MH. Critical care today. In: Tinker J, Browne D, Sibbald W, eds. Critical Care-Standards, Audit and Ethics. Arnold, London, Sydney, Auckland, 1996, pp. 3-10.
3. Weil MH, Tang W, Noc M . Cardiac arrest and cardiopulmonary resuscitation. In: Parrillo J, Dellinger RP, eds. Critical care medicine: Principles of diagnosis and management in the adult. Mosby Inc. St. Luis, London, Philadelphia, Sydney, Toronto, 2001, pp. 3-15.
4. Noc M, Benz B, Kern KB. Percutaneous coronary intervention (PCI) after successful reestablishment of spontaneous circulation and during cardiopulmonary resuscitation.

- In: Paradis, Halperin, Kern, Wenzel, Chamberlain, eds. Cardiac arrest-The Science and Practice of Resuscitation Medicine. Cambridge university press. Cambridge, New York, Melburne, Madrid, Cape Town, Singapore, Sao Paolo. 2007, pp 764-71.
5. Noc M, Nguyen TN, Dave V, Huan DQ, Mahanonda N, Gibson CM. Acute ST-elevation myocardial infarction. In: Nguyen TN, Colombo A, Hu D, Grines CL, Saito S T (eds). Practical Handbook of Advanced Interventional Cardiology 2007, pp 216-39.
  6. Noc M, Radsel P. Urgent coronary angiography and percutaneous coronary intervention as a part of postresuscitation management. In: Tang W, Sun SJ (eds). Cardiopulmonary cerebral resuscitation and emergency cardiovascular care: from basic science to clinical practice. Beijin Science and Technology, Beijing-China. 2008, pp 389-96.
  7. Noc M, Radsel P, Quang NN, Ploj T, Khai PG, Veit NL. Prehospital management of acute ST segment elevation myocardial infarction. In: Hu D, Nguyen T, Kim MH, Kwan T, Grines C, Saito S. Evidence-based cardiology practice. A 21 st century approach. People's Medical Publishing House-USA, Shelton, CT (USA). 2010, pp 447-70.
  8. Noc M. Primary PCI in cardiogenic shock and out-of-hospital cardiac arrest. In: De Luca G, Lanski A, eds. Mechanical reperfusion for STEMI: From randomized trials to clinical practice. Iforma Healthcare USA, Inc, New York 2010, pp 66-72.
  9. Bromage D, Noc M, Marco J. Patient information, ethics and informed consent. In: Eeckhout E, Serrus PW, Wijns W, Vahanian A, Van Sambeek M, De Palma R (eds). Percutaneous Interventional Cardiovascular Medicine. The PCR-EAPCI Texbook. Part IV-Interventional cariovascular medicine into context. 2012, pp 11-24.
  10. Radsel P, Noc M. Reperfusion strategies in sudden cardiac arrest. In: Gullo A, Ristagno G: Resuscitation-translational research, clinical evidence, education, guidelines. Springer Verlag 2013, pp 103-108.
  11. Noc M, Radsel P, Poulidakis E, Spaulding C. The interventional management of out-of-hospital cardiac arrest. In: The PCR-EAPCI Texbook: Percutaneous Interventional Cardiovascular Medicine. Wijns W, Serruys PW, Vahanian A, Eeckhout E, de Palma R, van Sambeek M (eds). (2018, update 2020)
  12. Radsel P, Noc, M. Out of hospital arrest: Role of PCI. In: Redwood S, Curzen N, Banning A (eds). Oxford Textbook of Interventional Cardiology (2<sup>nd</sup> Edition), Published 24 September 2018